FLORIDA SKIP

THE AMATEUR RADIO VOICE OF THE SOUTHEAST

Vol. 36 No. 12 December 1994

Holiday Greetings

FLORIDA SKIP

Gerry Wentz , KC4EHT *Editor*

Andy Clark, W4IYT, *Editor Emeritus*

Senior Editor
Dr. W. R. Staples, W4SME

Contributing Editors
Dr. W. R. Staples, W4SME *SSB Nets*
5310 Fleet Landing Blvd.
Atlantic Beach, FL 32233

Ed Roller, K4IA *CW Nets*
Box 894, Punta Gorda, FL 33951

Bill Britton, KB4VOL *Data*
8703 S.E. Jardin St
Hobe Sound, FL 33455

Eli Nannis, K4JMH *QCWA*
14996 Imperial Pt. Dr.
N. Largo, FL 34644

Bob McDow, W4KOG *OOTC & Knights*
436 Gull Ct.
N. Palm Beach, FL 33408-5114

Lorraine S. Matthew, AAA9PR *Army MARS*
P.O. Box 1439
Santa Rosa Beach, FL 32459-1439

Matt Matthew, KC4RKJ *Florida Panhandle*
P.O. Box 1439
Santa Rosa Beach, FL 32459-1439

Steve Iezzi, KD4GKE *Computers*
3530 Serenity Dr.
Melbourne, FL 32935

Joe Burnham, WD4KAV *Digital Modes*
321 Holly Ave.
Port St. Lucie, FL 34952

Gerry Wentz *Publisher*

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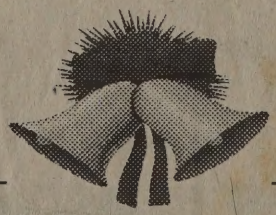
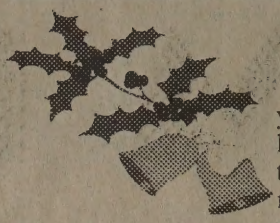
1280 Sarno Road, Suite 224
Melbourne FL 32935

The FLORIDA SKIP is published monthly. One-year subscription is $10. Printed in U.S.A.

POSTMASTER: Please send address changes to FLORIDA SKIP, 1280 Sarno Road, Suite 224, Melbourne, FL 32935



FROM THE EDITOR



As you may have noticed, the magazine was printed in November on less than desirable quality paper as it will be for some time to come. Due to serious paper shortages, the white bond paper is not available at all and the price of paper is experiencing a drastic increase in cost.

According to the printer, and his story was substantiated by a paper salesman who is an acquaintance of mine, the reason is due to the relaxation of export restrictions. It is more profitable for paper companies to sell abroad and consequently the cost of paper in this country is driven up.

December brings Florida Skip to the end of it's first year under my direction. Thanks to all of you, it has grown and in my opinion, improved. Especially I want to thank all of the staff who month after month, grind out the words. Some of them have been doing it for many years. I thank many of you who have taken the time to write articles. We have some very articulate hams lurking out there and I encourage them to write.

I hope this coming year bodes well for ham radio but in view of recent tendencies of the government seeking to manipulate and control communications and information transfer, I have an uneasy feeling we are entering into a period of controversy and combativeness as censorship and privacy issues come to the forefront. Perhaps the recent government housecleaning will provide some shock therapy for the bureaucracy resulting in some productive debate on issues that ultimately will affect all of us in communications and computer activities.

My most sincere best wishes go out to all of you for the upcoming holidays and since we had so much fun this year, how about we do it again next year!

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ICOM

From Bob, WN4IIV, FPTN, Net Manager: October 25, will be a date that all members of FPTN will remember.It marked the end of a battle with cancer by Harris Winston, WA4JDH, Elba, Alabama. Harris has been an active member of FPTN for more than twenty years as well as his activity on many other SSB and CW Nets of the National Traffic System.R.I.P. Since last month's report, the Net welcomes the following new members: Carol, K4AJV, Crystal River; Cef, AA4CH, Perrine; Chris, AC4LM, Collinsville, AL.; Rick, KQ4AZ, Marathon Shores and Dick, N2AOX, Daytona Bch. Our vacationers, WB4SOU, WB4ZVD, KI4CQ and NF4O have all returned and are checking in regularly. KB4WCX has returned from her sojourn to Scotland and regales us with stories of her activities there. KB4FIY is still out in the boondocks but checking in on a regular basis. Generally conditions continue to be favorable over the North-South path during FPTN time and with the onset of cooler weather early morning conditions should improve. During October, FPTN recorded 1303 checkins averaging 42 per session. In thirty-one sessions 162 pieces of formal traffic were passed consuming 942 minutes with an average Net time of thirty minutes. The Net still needs volunteers as daily Liaison to other NTS Nets as well as Alternate Net Control Stations to back up our regular staff. These are tasks that bring satisfaction to the participant and anyone volunteering should remember that they always have the full support of all Net Members. The Honor Roll for October recognizes the following stations for their 100% participation: KA4DCA, KO4DR, WA4EIC, WA4EYU, NR2F, N4GMU, WN4IIV, KB4MON, K4SJA and WA9VND. Start your day the Florida Phone Traffic Net way at 0655 local time on 3940KHz. Bob, WN4IIV.

From LARRY, KE4ESV, FAST Net Manager: This is the first opportunity for me as Net Manager to appear in the Florida Phone Net section. This is one of my first contributions to Florida Skip, so please excuse me if I seem a little rough around the edges. My Name is Larry McDermott and I am located in Hollywood, Florida and I really enjoy working on traffic nets. It is already difficult to believe that Halloween has already passed and that we are fast approaching the Holiday Season!!October was an enjoyable month for me as well as the Net. I must thank each and every one of the members of FAST for making the Net as pleasant and interesting for the benefit of all who participate. The role of Net Manager is a new one for me and I am most appreciative of all the kind support, thoughtfulness and assistance that all of the Net members have given me. I hope that I can continue to receive your support throughout my tenure as your Net Manager. During October the net welcomed back Eunice, W1UKR of Hommosassa, both as a regular NCS and participant. Eunie has been an active NTS operator both in Maine and Florida for more than two decades.I certainly appreciate the good work that Eunie performs for FAST! THANKS. Special thanks also go to Rip,AA4HT, Dick, WA4PFK and Laura, WA9VND for all their patient explanations of all the nuances of this as well as other traffic nets. And to Russ, KC4ZHN my most sincere thanks for all his technical expertise, general knowledge and generosity for without which I would still be in utter darkness! No job is ever complete without paperwork. My appreciation goes out to Miss Phil, KA4FZI for her good work in providing me with net statistics. Also, thanks to each NCS for their timely submission of their Net reports. Woody, K4SCL enjoyed his vacation and we sure are glad to hear that and welcome him back. Further, Delbert, WD4HHH and Russ, KC4ZHN are continuing their group radio classes and we look forward to glowing reports in the future and the Net is pleased to have as members Norm, K4RBR, Russ, KC4ZHN, Laura, WA9VND, Nils, WA4NDA, Woody, K4SCL and myself, all who worked the October SET Exercise! It truly was a success because of YOUR participation! During October, there were 51 stations who checked into 62 sessions of FAST for a total of 706 visits. 198 pieces of traffic were passed in a total of 792 minutes. The FLORIDA AMATEUR SIDEBAND TRAFFIC Net meets twice daily on 3940KHz at 1800(6pm) and 2230(1030pm)local time. All stations are welcome. 73 & 88's LARRY, KE4ESV.

From Bob, KC4ZHF, SEFTN Asst. Net Manager: The Southeast Florida Traffic Net had another good month in October! In the 31 monthly sessions, 1271 stations checked into the Net and handled 418 pieces of message traffic. All of this was accomplished in 1777 minutes with the average net session lasting about 57 minutes. That's a GREAT JOB gang! As you read this, get out your calendar! We are tentatively scheduling another Net Picnic for December 10. Mark it down NOW before you forget! It will be held at Veterans Park, located on N.W. 50th street, just a short block West of University Drive, in Lauderhill. Festivities will get underway at 1200(Noon) and last until approximately 1500(3pm). Plans call for B-B-Q Pork Ribs this time with all the "fixins"! This is a treat that you won't want to miss! It's real easy to become a member of SEFTN and it doesn't cost a cent! At 1800(6pm) any evening switch your two meter FM transceiver to the Motorola Repeater on 146.79 down 600Hz and check into the Net. The Net lasts usually until 1900(7pm) and feel free to checkin with or without formal traffic. Once you checkin with the NCS you're a Member! The Net delights in having new members join the Net as well as training new traffic handlers. On October 25th, WB4OCV, AL became the 1000th station to check into the Net for the month. The Net extends it's congratulations to you AL, and a nice certificate is in the mail to you. Our Net historian, KB4WBY is "off" on a "fling" to Panama and so once again we will have to wait for a later date to learn the Honor Roll stats for the month. Tuesday night "Traffic Tips" continue to arouse lots of interest. They are informative and very professionally presented. The Net thanks KD4GR, WA4PFK and WB4PAM for their contributions to the Net. Remember, SEFTN meets every night at 1800(6pm) on the 146.19/79 Motorola repeater. Come join us! 73 & 88's, Bob, KC4ZHF.

From EARL, K4FQU, SWFTN Net Manager: Well folks, fall has definitely arrived! There are signs everywhere. The biggest sign however, is the return of the callsigns of those stations that went North last spring! It is sure great to hear all of them again. Further it is even better to see these returning stations swell the rolls on the morning callups! With the returning stations we should soon begin to see an increase in the daily traffic count which will continue to pick up with the Holiday Season on it's way. Don't forget to send a message back to your snow-bound Northern friends and let them know you're back in sunny Florida.That certainly should excite an interesting response!And speaking of that white stuff, we may not have it here, but the days definitely are cooler and for those who like the sport, football is here! The Net operated well throughout the summer months but with the return of the many snow-birds, the Net will continue to improve during the winter months. Currently the net has enough Net control stations available. However, the Net still needs additional volunteers as Liaison stations to other traffic nets. As a volunteer all the Net asks is that you make a half hour available once a week! That's not asking too much to assist in Net operations. During the 26 sessions for October, SWFTN recorded 467 checkins and there were 64 pieces of formal traffic handled. The daily average of checkins was 18. Halloween is past and we are looking forward to Thanksgiving which will be upon us before you have a chance to read the next copy of Florida Skip and the SWFTN column; so, fill up on turkey and pumpkin pie, have fun and enjoy the Holidays. SWFTN meets every day except Sunday at 1000 local time on the 146.880MHz repeater. See ya' on the air! 73 & 88's, EARL,K4FQU.

From EARL, WX4J,TPTN Net Manager: With the fall season we welcome back Eunice, W1UKR of Homosassa and Mike, NC4Y of Zephyr Hills. It sure is great to see these folks back and Eunie picks up her regular Saturday night NCS duty. Plus his liaison to the FAST Net, early session, Mike provides TPTN with a much needed outlet to Zephyr Hills, always a busy spot during the snowbird season. By the time that you get to read this column, we will have weathered the Thanksgiving message onslaught! But, we will

Continued on page 5

QFN Reported by Chet, AB4XK: The traffic count is down again for October even though the number of check-ins is up. Dick Hill, WA4PFK took first place again with 60 QNI, followed very closely by Mort, WX4H and OB, WC4D.

Kevin, WV5Z is now our RN5 rep on Thursday. Many thanks to Kevin and the following folks for postage donations to the QFN Letter; Rip AA4HT, Bill WT4F, Blaine WA4EIC, and Frank KB4T. I also want to thank all our NCS for the good job they are doing and for getting the net reports to me promptly. With cooler weather and the return to standard time, band conditions should be considerably improved. -73, Chet.

QFNS Reported by Laura, WA9VND: For October QNI 303, QTC 115, QND 755 for a slow month, but for a slow net we did pretty good. We had several new visitors that we hope will come back often; KD4QDD Mike of Lake Placid, K4AJV Carroll of Crystal River, KO4DR Art of Trenton, WV5Z Kevin of Delray and W4TAQ Tom of Palm Bay. Thanks fellows.

We also have Don, N4IWO come in often. NCS stations are: Sunday KD4GR Jim, Monday KC4ZHN Russ, Tuesday WA4PFK Dick, Wednesday KC4ZHF Bob, Thursday KA4FZI Miss Phil, Friday WC4D OB, and Saturday WA9VND, that's me. We have AA4HT, WC4D, WA4PFK, DK4FZI, KC4ZHN, WA9VND, and KM4DY as QFN reps. You can see that we have experienced operators eater to welcome you and give assistance if needed. Come on break the ice. Stop by for a few minutes.any night at 8:00 PM on 3715kHz. Try us you will like us, Guaranteed. -88, Laura.

Gator Net Reported by Dan, W4DL: George, K4JI making a shifty mast fell and hurt his right arm. You can't tell it. Long time Gator check in Harris, WA4JDH became a silent key. He operated daily through bouts with radiation and chemotherapy. He will be missed. Andy, W4IYT and Norm, K4RBR made a video on the boat Wind Song, showing Dr. Jim Hurschman, K4TCV operating on the Waterways Net. Dan, W4DL house hunting in Sanford and making a river cruise had an eyeball QSO with Bonnie, WB4FSF.

Reading your aviation radio history, we find Gator Net member Dick, N2AOX chief with American Airlines at WAMR, New York and WNEV, Washington in 1940. Mae, W3CUL and Al, W3VR have a man standing by to work on the tower. Have complaints on erratic schedules and frequencies. The Gator Net is now on 7068 kHz or close - same time if 3651 kHz gets wobbly. The net welcomes Rip, AA4HT for his big help with distribution. 73, Dan.

FMSN Reported by Russ, KC4ZHN: We had 295 check-ins and passed 90 messages in a very professional manner. Art, KO4BJ had the misfortune of having his antenna give out which put him out of business for awhile. Look for him as a NCS when I was unable to make it. And also to Ed, K4IA for picking up the slack.

The traffic count will be rising very soon and this net can use volunteers for liaison with TPTN and QFN. Keep in mind that one rep will probably heed help when there are too many messages to pass in the time available. So please listen at QNI and volunteer "can help" when you hear Fred, AA4FG and Rip, AA4HT bring large amounts of traffic. FMSN meets at the right time for this situation.

If you have the time and the inclination please give me a tap on the shoulder and we can put you into the schedule. Any of you CW ops reading this please consider checking in with us at 1730 local time on 3651 kHz. We can sure use your talent. -73, Russ.

Continued from page 4

be bracing for the Christmas-New Years message push! Many folks will be working the traffic nets on the Local, Section and Regional levels all in various capacities from NCS, Liaisons, stations sending and receiving traffic as well as all those folks that just stop by to say hello! After the dust settles at the end of each month, the Net Manager is responsible for compiling all the statistics regarding the total number of operations of the Net for the month! The NM then sends a report to the ARRL Section Manager(SM) or Section Traffic Manager(STM) in the form of Station Activity Reports(SAR), Public Service Honor Roll Reports(PSHR), Net reports and ARES reports. This activity is then totalled and forwarded to the League(ARRL) who in turn publishes all this information in QST. In fact it goes much farther than this in that we as Amateur Radio Operators provide a PUBLIC SERVICE and "WE" exist because of what "WE" do to assist the public. We may toot our horn when we send in our monthly reports, but we "toot the horn" for Amateur Radio even louder! The Tropical Phone and Traffic Net meets daily at 1700(5pm)local on 3940 KHz and all stations are welcome. Until next month, 73 & 88's EARL, WX4J.

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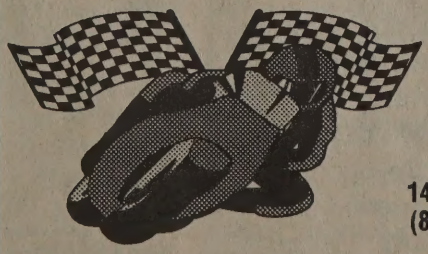

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Top Twenty Trafficers - Oct. 1994

-by WA4PFK and WX4J

	Station	Total		Station	Total
1	W3CUL	3016	11	K4SCL	259
2	WX4H	1564	12	W7AMM	255
3	W3VR	1161	13	WA4PFK	249
4	WA4NDA	620	14	KB4WBY	228
5	WA9VND	573	15	AD4DO	220
6	N42F	505	16	KC4ZHN	193
7	KM4DY	444	17	N4RHJ	192
8	N4SS	435	18	W4DL	185
9	WA4PUP	373	19	WV5Z	184
10	AA4HT	313	20	KC4ZHF	182

Traffic Hounds - Oct. 1994

-by Rip, AA4HT

Net	QNI	Avg.	QTC	Avg.	Ses.	Mgr.	QTC/QNI
SEFTN	1271	41	433	14	31	KD4GR	0.34
QFN	941	15.2	430	6.9	62	AB4XK	0.46
SVTN	751	25	298	9.9	30	KD4WDB	0.4
GN	193	6.2	297	9.6	31	W4DL	1.54
FMTN	575	18.5	212	6.8	31	WA4NDA	0.37
TPTN	657	21.2	198	6.4	31	WX4J	0.3
FAST	706	11.4	198	3.2	62	KE4ESV	0.28
NFPN	1173	37.8	176	5.7	31	KQ4YD	0.15
FPTN	1303	42	162	5.2	31	WN4IIV	0.04
NFAN	1026	41	161	6.4	25	WA4NDA	0.16
QFNS	303	9.8	115	3.7	31	WA9VND	0.38
ZULU	406	20.3	105	5.3	20	AD4BL	0.26
FMSN	295	9.5	90	2.9	31	KC4ZHN	0.31
SWFTN	467	18	64	2.5	26	K4FQU	0.14
FPON	224	7.2	60	1.9	31	WB4GCK	0.27
LCATTN	632	20.4	34	1.1	31	AC4MJ	0.05
SPARC	632	20.4	31	1	31	N4ZMQ	0.05
PBTN	911	36.4	28	1.1	25	N4ZDD	0.03
SFAN	119	17	13	1.9	7	KD4GR	0.11
GARSN	157	7.9	12	0.6	20	KQ4YD	0.08
BCEPN	303	33.7	8	0.9	9	WA2DXQ	0.03
DEN	261	65.3	8	2	4	N4LTT	0.03
PBCEN	112	28	8	2	4	WB2OUK	0.07
PCAVN	103	25.8	4	1	4	KE4GSA	0.04
AIN	54	10.8	0	0	5	WA4PFK	0.00
TOTAL			3145			AVG.	0.23

Florida HF Nets, Abbreviations, Frequencies and Times

TIME	NET ABBREVIATION AND NAME	FREQ
0655	**FPTN** Fla. Phone Tfc Net	3940
0730 (SAT)	**AIN** ARRL Information Net	3940
0730 (SUN)	Fla. Trader's Net	3945
0745	Waterway Net	7268
0800 (SAT)	**SFAN** South Fla. ARES Net	3940
0800 (TUES)	Buckaroo Tfc Net	7248
0800	SOUTHCARS	7251
0830	**GN** Gator Net	3651/7061
0900 (EXC SUN)	**NFAN** North Fla. ARES Net	3950
0900 (SUN)	Swap Net	7275
1000 (WED)	Swap Net	7251
1145	**FMTN** Fla. Midday Tfc Net	7247.5
1330 (SUN)	**FSARA** Fla. Shrine Am Radio Ass'n	7236 +/-QRM
1500 (SUN)	**QCWA** Qrtr Cent. Wireless Ass'n	14347
1630	**FPON** Fla. Public Opns Net	3908
1700	**TPTN** Tropical Phone Tfc Net	3940/7243
1730	**FMSN** Fla. Medium Speed Tfc Net	3651/7061
1800)	**FAST/E** South Fla. Tfc Net (Early	3940
1830/1930	**NFPN** North Fla. Phone Net	3950
1900	Martin County Ragchew Net	3985
1900	**QFN/E** All Fla. CW Tfc Net (Early)	3651/7061
1900 (SUN)	Sailfish Net - West Palm Beach	28425
1900 (MON)	Manatee County ARES Net	28450
1900 (TUES)	Pinellas County ARES Net	28450
1900 (TUES)	Mosquito Net - Orlando Chapter	28333
1900 (WED)	Titusville Mosquito Net	28333
1930 (MON /FRI)	Swap Net	3898
1930 (WED)	Candy's Swap Net	3945
2000	**QFNS** All Fla. Slow CW Tfc Net	3715
2030 (MON)	Wacky Wingdinger Net (NE Fl)	28390
2030	So. Brevard Tech & Ragchew Net	29200
2030 (MON)	**ENTIN** Everglades Novice/Tech Net	28375
2200	**QFN/L** All Fla. CW Tfc Net (Late)	3651
2230	**FAST/L** South Fla. Tfc Net (Late)	3940

PLEASE SENT CORRECTIONS OR ADDITIONS TO:
Bill Britton, KB4VOL
8703 S.E. Jardin St.
Hobe Sound, FL 33455
By Packet: KB4VOL @ KB4VOL

North Florida BBS Totals - Oct. 1994

-by Dave Sutherland, N4GMU

CALL	BUL	PERS	NTS	TOT
AA4RU	7432	1529	32	8993
K4GBB	4316	716	30	5062
K4OZS				
KB4T				
KE4COV	2274	1037	45	3356
N4GMU	4290	1233	64	5587
N4GXX	2309	955	32	3296
N4JTS	5465	291	11	5767
N0ZO	765	953	8	1726
WB4NOD	2729	937	87	3735
WN4IIV	3634	2591	60	6285
W1FJI	5740	533	6	5740
WX4J	89	879	737	1705
W4WEB	4336	530	8	4874
N4ZKF	7436	1422	76	8934
KK4CQ	0	2846	185	3031
TOTAL			1381	

SOUTH FLORIDA BBS TOTALS OCTOBER, 1994

Compiled by Bill Britton, KB4VOL

BBS	NTS	PERS	BUL	Tot Msgs	
K0ZXF	0	456	7307	7763	
K0ZXF-2	0	809	6967	7776	(TPA1FL)
KB4GBS	6	741	7245	7992	
KB4GCZ	0	72	4279	51	
KB4OAM	19	513	2808	3340	
KB4UAH	0	303	4211	4514	
KB4VOL	42	1704	3306	5052	
KC4HQS		-NO REPORT-			
KC4IBT		-NO REPORT-			
KD4EMI	24	912	3585	4521	
KD4GR	4	392	3056	3452	
KD4MJV	4	1906	5397	7307	
KD4MZM	0	174	2894	3158	
KD4WBI		-NO REPORT-			
KD4WLE		-NEW BBS-			
KD4ZPP	1	286	4255	4582	
KE2IX	57	1229	4421	5707	
KE4BXF	5	457	3352	3814	
KF4OJ	0	560	6122	6682	
KI4ZJ	1	238	5689	5928	
KN4YT	0	283	5132	5415	
KP4EDL	4	1142	6471	7617	
N4CNW	0	190	6041	6231	
N4HHP	55	4456	4616	9127	
N4JOA	5	496	2743	3244	
N4XEO	7	1139	2966	4112	
N4ZIQ	84	3175	9023	2282	
W4DPH	143	7327	5510	2980	
W4MWP	5	487	6847	7339	
W8DUV	65	2597	7360	0022	
WA2DXQ	6	1400	87	1493	
WA2LKI	67	2669	6234	8970	
WA4EAA		-NO REPORT-			
WA4UPD		-NEW BBS-			
WB2WPA	9	577	4074	4660	
WB4MOZ	0	633	3098	3731	
WB4TEM	21	1486	3138	4645	
WD4DLB	1	367	6490	6858	
WD4NKZ	1	144	1298	1443	
WD8IBY	24	659	7458	8141	
NTS TOTAL:	660				

Remember, North Florida BBS's should send their reports to N4GMU @ N4GMU. South Florida BBS's to KB4VOL @ KB4VOL. Reports MUST be sent on the 1st covering bbs activity for the previous month. Please participate! 73... Bill, KB4VOL @ KB4VOL, ARRL Packet Manager South Florida.

The ZULUs have arrived

Some of you may have noticed the appearance of new net in the listings. According to Linda Mullen, AD4BL, the Zulu net is the VHF ARES/RACES net serving Bay County and the East Panhandle District, consisting of six counties.

The official name of the net is **147.075 Zero Hundred Hours Zulu Net** which has been shortened to **Zulu** net.

During the flooding in North Florida as a result of Alberto, the Zulu net covered all of the district and provided communications for shelters, Red Cross, Salvation Army, several EOCs, incoming amateurs, MARS, SEOC, and others. They operated for 6 days, 16 hours-a-day using their repeater located on a 1000 foot tower (at 900') located north of Panama City and having a very wide coverage.

They are planning to link the 147.075 repeater with a 444.525 UHF repeater which should eliminate a big shadow that exists on the back of the tower.

-Thanks and a tip of the Skip hat to Linda Mullen, AD4BL for the fine report.

Silent Keys

We regret to report the passing of the following Florida Amateur Radio Operators. Please notify **FLORIDA SKIP** of any silent keys in your area.

WD4IZD - Martin Newcomer, Miami
KB2LCF - Al Lomonaco, Hollywood
KB4AKX - Fred Stein, Coconut Creek
AA4AN - A. H. Herrald, Sarasota
WB4ELX - William H. Barry, Plantation
K4EUK - Frank L. Ziegler Jr, Davie
K4GZZ - John O. Demuth, Clearwater
KD4JAM - Jack E. Colsen, Satellite Beach
WA4JTA - Edward E. Rinehart, Cape Coral
KT4K - Vernon P. Wilson, Venice
WD4KLJ - John W. Orr, Haines City
W4LC - Leonard L. Jezorek, Juno Beach
KD4MGT - Herbert C. Unger, Coconut Creek
N4NBJ - Janice Sternberg, Lauderhill
KB4ODA - Charles Ravitch, Coconut Creek
WB4PHL - Richard Rohden, Tampa
K4PZV -Alfred F. Debicki, Highland Beach
KC4TCI - Walter Stark, Saint Petersburg
WB4YKP - Robert A. Claudy, Titusville
K4ZIR - James McNeely, Saint Petersburg
W8ULH - Walter Struze, Cape Coral

DXCC P5RS7 Decision

In response to the continued questions concerning the P5RS7 operation of December 1992 to January 1993, the following is provided:

While reviewing the original documentation and photographs, DXCC staff noted some apparent discrepancies. DXCC staff then requested some additional information. After more than one year, additional information was received.

During that year, the ongoing investigation into the paperwork and photographs suggested that the operation may have taken place from another location. Documentation in support of P5RS7 accreditation did not establish that operating permission had been granted by appropriate authorities, nor did it establish that the operation took place from the territory of North Korea.

After reviewing all available information, there will be no DXCC credit for the P5RS7 operation, and the file has been closed. This determination is based upon Section I., 7) and 12) of the DXCC rules.

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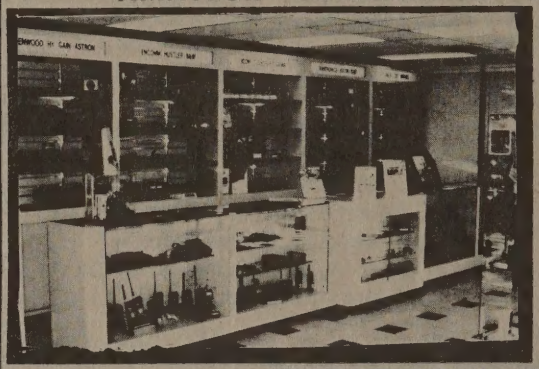

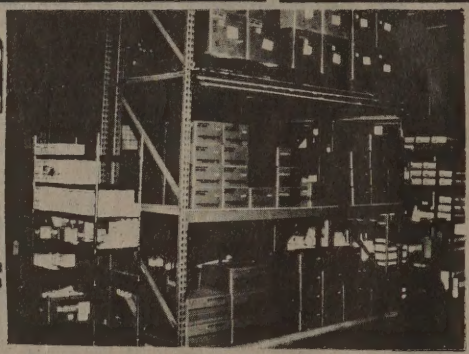

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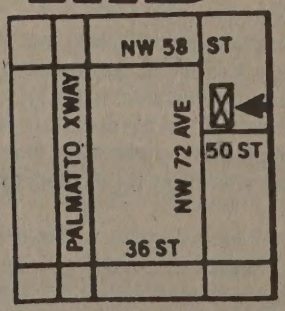

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Hours: Mon.-Fri. 9:30-5:30 Sat. 9:30-2:30 **FAX: (305) 477-4449**

The reports from our Florida chapters should be coming in now that the hot summer has gone. We have 20 chapters in Florida so please send me a report of your meetings so that other chapters know what you are doing. Florida Skip has given us this space so let's use it. The reports are a good way of exchanging ideas. Many of our Florida chapters are now starting up so let me hear from you. I belong to the Gator and Pelican chapters and we have informal meetings all summer and they are very interesting.

Pelican Chapter

We are sorry to report that Alice Stocky, WA4PU, XYL of Dave, K4KE is now a silent key. Jay Strom, K9BSL is now secretary of the chapter and is using a new Pionex DX 2/50 computer for his newsletters. Jay advises that the Big Brown Bird Picnic will be held at Seminole Lake Park on Nov. 16th and the Gator chapter will also participate. This picnic has been held for a number of years and wee all look forward to it. On Oct. 16th at our meeting, the speaker from the weather bureau gave a presentation on the NOAA weather alert system. It was quite interesting. Reported by Jay Strom, K9BSL.

Ed. Note. *At the National QCWA convention held in El Paso, Jay Strom was awarded the Member of the Year and appointed the National Activity Chairman.*

Gator Chapter

We had our October meeting on the first and the attendance was 35 members and guests. Don Bice, W4PCO advised that the Pelican and Gator picnic will be held on November 16th at Seminole Lake Park. It is a catered affair and the food is always excellent. A large number of prizes are given to the lucky winners. Harold Johnson, K4GVB and XYL are having their 65th anniversary. That's pretty hard to beat. Our Treasurer Bill Turner will no longer be able to attend meetings for awhile so we'll be having a new treasurer and we thank Bill for a job well done for many years. Our President Barton Bridge, W2ZYQ appointed a nominating committee to find new officers for the chapter. Reported by Eli Nannis, K4JMH.

Suwannee Chapter

We invite all hams especially at-large QCWA'ers to our meetings which are held the 4th Saturday of all even months (except for the 2nd Saturday in December) at Ryan's Steakhouse on Silver Springs Boulevard, Ocala. We were told that we have a number of QCWA members who live in our area and we are trying to round them up. Our program was quite different in that all persons present told us where they were on D-day 1944. This produced a highly interesting and nostalgic footnote to history. Reported by Bob Saulpaugh, AG3S, Secretary.

Suncoast Chapter

Our chapter has changed their meeting day to the 1st Wednesday of the month from October through May. We will meet at Mrs. Appleton's Buffet on Bee Ridge Road and MacIntosh Blvd. Officers for 1994-95 are President John Karban, W3IGC; VP Croft Taylor, VE3IGC; Secretary/Treasurer Virginia Menerick, W8MEJ. Sorry to report that Robert Hartford, K4IKB became a silent key on April 13, 1994. Bob was a member of QCWA and OOTC as well as our chapter. Reported by Bob Bookwalter, W4NWF.

Southeast Florida Chapter 12

The October meeting of Southeast Florida Chapter 12 was held at Denny's Restaurant, 7411 NW 36 St. near Miami International Airport. Our meetings are held on the third Saturday of each month at 12 Noon. QCWA members and visitors are always welcome.

We had 18 members and guests present. The President George Henning WB4JFA appointed a nominating committee for the 1995 chapter officers consisting of Cliff Seal, K4HQH and Andy Clark, W4IYT. Elections to be held at our December meeting. Plans are being made for our annual Christmas Party meeting to be held on December 17 at the home of Andy and Betty Clark. Several of our regular members were missing this month as they were on vacation. Sid Wolfeld, KJ4AS has moved to Lake Worth. I saw Sid at the West Palm Beach hamfest and he sends greetings to all and still wants to continue his chapter membership and will attend meetings when ever he can. Good luck to Sid and his XYL in their new home. Andy Clark, W4IYT is taping another TV show about the Waterway Net. The show to be shown on local cable TV. Reported by Art Rauch, W4VZ.

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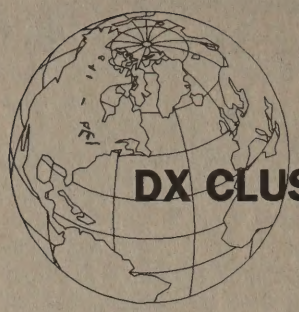

DX CLUSTER

DXCC update

Documentation for the following operations has been received and approved. Format is call sign followed by date when operations began.

3A/F1IXQ	15 Jul 94
3A/F1IXQ	15 Jul 94
3A/F1RWD	15 Jul 94
3A/F1RWD	15 Jul 94
3D2CA	1 Jan 94
3D2CA	1 Jan 94
3D2DJ	1 Aug 94
3D2DJ	1 Aug 94
3D2DR	1 Jan 93
3D2DR	1 Jan 93
3D2KA	1 Nov 92
3D2KA	1 Nov 92
3D2PC	10 May 94
3D2PC	10 May 94
3D2TT	19 Aug 94
3D2TT	19 Aug 94
3D2YH	10 May 94
3D2YH	10 May 94
3XY0A	18 May 94
3XY0A	18 May 94
4U/F5LMG	11 May 94
4U/F5LMG	11 May 94
4U/F5LVR	11 May 94
4U/F5LVR	11 May 94
(Bosnia-Herzegovina)	
5B4/OK1CZ	9 Jun 94
5B4/OK1CZ	9 Jun 94
5V7DB	12 Sep 94
5V7DB	12 Sep 94
7Q7CE	30 May 94
7Q7CE	30 May 94
8Q7EA	18 Sep 94
8Q7EA	18 Sep 94
8Q7EB	18 Sep 94
8Q7EB	18 Sep 94
8Q7KA	2 Jan 93
8Q7KA	2 Jan 93
9G1BJ	24 Aug 94
A6/F2JD	21 Jan 88
CN2VA	1 Aug 94
DU7/SM0CNS	28 Jun 94
ET3BT	6 Oct 94
FK/JA1CMS	5 Sep 89
FW/JA1CMS	21 Feb 91
HS0ZAZ	Jun 94
JT4/JA1CMS	1 Jul 92
LX/DL4FCH/P	28 Oct 94
OH/JH1AJT	31 Jul 94
S21AT	3 May 94
S79DEQ	9 Apr 92
T9/PA3DZN	1 Oct 93
VK9MX	12 May 93
YJ0AAK	14 Jan 91
ZK1JKH	10 Aug 94

DX Reports

ARLD070 DX news

The items is this bulletin are courtesy of Mike, K9AJ, Tedd, KB8NW, Steve, KU9C, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral column from the pages of QST magazine. Thanks.

VIETNAM. Rolf, SM5MX, reports new legislation on amateur radio is in the works and is expected to be passed sometime in 1995. He has been issued the call sign XV7SW and granted permission to operate on fixed frequencies only. They are 3505, 7033, 14016, 14021, 21016, 21019, 28016 and 28019 kHz. His mailing address is Rolf T. Salme, Embassy of Sweden, Box 9, Hanoi, VEITNAM.

BOTSWANA. Dave, A22MN, is on 160 meters starting at 0300z around 1827 kHz. As propagation permits he moves to 3511 kHz, and then sometimes to 40 meters. He will be on during the CW weekend of the ARRL DX contest. Dave leaves Botswana in March 1995.

EAST MALAYSIA. Saty, JE1JKL, will sign 9M6NA for the CQWW CW contest on 20 meters. QSL via JE1JKL.

MADEIRA ISLANDS. DL5EBE, DL2HYH, HB9CRV and a few others will be on from November 25 to December 1. The CQWW CW contest is on their To Do list. Listen for CR3U by DL2HYH on 15 meters, CR3X by DL5EBE on 40 meters and CT3FN by HB9CRV on 80 meters. The DL ops will be signing CT3/ their home calls before and after the contest. QSL via home CBAs.

NEW CALEDONIA. Serge, F6AUS, will be active as FK/F6AUS from November 17 to December 8 on all bands, CW and SSB.

GLORIOSO ISLAND. Jacques, FR5ZU, will sign FR5ZU/G from November 17 to December 8. Asians QSL via JA8FCG. Americans and Europeans QSL via VE2NW.

EASTERN KIRIBATI. A group of JA operators will be active from here December 27 to January 2. Activity will be on 160 through 6 meters with CW, SSB and RTTY. There is a chance for some satellite operations. Jack, KD4ND, will be traveling to Christmas Island on December 3 for a 10 day bonefishing expedition. He has applied for a license and if it comes through, he will try to get on all bands, mostly on SSB. Some CW is possible.

HONG KONG. Dave, WX3N, will return to VS6WO November 22. He plans to operate 80 and 160 meters daily starting at 1030z. On 80 meters try 3501, 3507 or 3513 kHz. He will simultaneously operate on 160 meters on either 1824 or 1833 kHz. During the CQWW contest he will operate VS6WO single op. Outside of the contest listen for him as VR2/WX3N.

GIBRALTAR. Jorma, OH2KI, and Peter, K8UNP, will both be active in the CQWW CW contest. Jorma will operate single band on 80 meter CW as ZB2X. QSL via OH2KI. Peter will operate single op as either ZB2/K8UNP or K8UNP/ZB2 on 20, 15 or 10 meters.

ANGUILLA. ND3F, WR3Z and ND3A, members of the Potomac Valley Radio Club, will be operating as a multi/multi entry during the CQWW CW contest. They will sign VP2EZA. Before and after the contest they will be on 160 through 10 meters with CW and SSB signing VP2E/ their home calls. QSL VP2EZA via ND3A. QSL all other calls via the respective operator's home CBA.

TURKS AND CAICOS ISLANDS. K8MFO, WD8AUB, W9VNE, W6RGG, WA4DRU, WT8N, W0CG, and WD8LLD will be active in the CQWW CW contest as a multi/multi entry as VP5VW. Operations will be from the QTH of Jody, VP5JM. Outside the contest, each operator will sign VP5/ his home call. They may be active as early as November 20. QSL VP5VW via W8TPS. QSL all other calls via the respective operator's home CBA.

BARBADOS. Steve, KU9C, and Ralph, K2PF, will be here on vacation December 8 through 12. They plan to be in on the ARRL 10 Meter contest as 8P9GD and 8P9GE, respectively. Plans are to concentrate on Pacific openings on 20 meter CW. Try around 14005 kHz between 2000 and 2400z. QSL via their

Continued on page 12

Hi there...nice to see you camped out on the "DIGITAL DITHERINGS" page again!

Now that you know how to UPLOAD and DOWNLOAD messages to your LAN packet BBS, it's only a small step to UPLOADING and DOWNLOADING a file! To get the specifics on how to do this, connect to your BBS and ask for HELP! All BBS software will give you some sort of HELP if you ask for it. One of the following (minus the quote marks) should work: "H D" or "?D" or "D?". If all you get for your trouble is a "What? " or "Huh?" or "I don't understand" back from the BBS, then try sending a plain old question mark. This should get you a expanded list of commands, from which you should be able to figure out how to get help on DOWNLOADING and UPLOADING.

The AA4RE software sends the following in response to the "h d" and "h u" commands (if it looks confusing, hang in there, all will be revealed later).

h u
U topic ffff.xxx
UB type topic ffff.xxx

Upload the file ffff.xxx for the topic requested. U is for ASCII format. UB is for binary uploads. The file must not exist.

To get a list of topics, use the W command.

The types for binary upload are: XMODEM, XMODEMCRC, YMODEM, YMODEM-BATCH (Alias YMBATCH), and YAPP

h d
D topic ffff.xxx
DB type topic ffff.xxx

Download the file ffff.xxx for the topic requested. D is for ASCII format. DB is for binary downloads.

To get a list of topics, use the W command.

The types for binary download are: XMODEM, XMODEMCRC, YMODEM, YMODEM-BATCH (Alias YMBATCH), and YAPP.

If you're still stumped... leave a note for the BBS SYSOP...who will (or at least SHOULD) be happy to explain things in more detail.

If your packet BBS is using AA4RE software, you will see something similar to this (which, by the way, is from the KB4VOL BBS in Hobe Sound).

Files are available on the following TOPICS:

DEALERS — Tel numbers for dealers, repairs & parts
LISTS — Nodes, PBBS and Users Lists
REVIEW — Comments about some popular rigs & products
NTSOP — Information on sending formal NTS messages
ROSE — Info and tips on the Rose Switches.
NEW — Info and tips for packet beginners
KEN — Mods to Kenwood TS models
KEN1 — Mods to more Kenwood TS models
KEN2 — Mods to Kenwood TM models
KEN3 — Mods to Kenwood TR and TW models
KEN4 — Mods to Kenwood TH models
YAESU — Modifications to Yaesu rigs
ICOM1 — Modifications to Icom HT rigs
ICOM2 — Modifications to other ICOM rigs
MODS — Misc. modifications and tips
MODS2 — More misc. tips
ALINCO — Mods to ALINCO, AZDEN, TEN-TEC and misc. rigs
SCANNER — Scanner and misc. receiver mods
SCANNER1 — More scanner and receiver mods
TNC — Modifications and tips for TNC2 clones
KAN — Mods to KPC and KAM Series of TNC's
AEA — Mods to PKxx Series of TNC's
PK232 — PK232 Modifications and Tips

To see what is in the TNC area just type "w tnc" and you will then see a list of FILES which you can download with the "D" command. Here is is the response from KB4VOL:

w tnc

1270	K
DIGICOM	1K
TNC1	2K
1270.1	2K
DIGICOM.1	1K
TNC1.1	1K
1270.2	2K
DIGICOM.2	2K
TNC2.1	1K
1270.3	2K
DRSI	1K
TNC2.10	1K
1270.4	2K
MFJ-C	1K
TNC2.11	1K

To download the file called "1274" enter "d tnc 1274". The file will shortly begin to fill your screen. These files can range from just a few lines in length, to several pages long! If you want a perminent record of what you receive, make sure to set up your terminal program to CAPTURE (store on disk) incoming data BEFORE sending the "d" command.

UPLOADING to the BBS is a snap. Simply prepare the file you want to upload connect to the BBS, and then send it to the appropriate area on the BBS (using your terminal software UPLOAD or SEND command.

Some BBS SYSOP's restrict uploads to certain directories...some SYSOPS only permit uploading to ONE directory, so look around the BBS for a message from the SYSOP before trying to upload. You may also see this indicated when you send the "W" command.

If you wanted to send a file KAMMOD (a modification for KAM TNC's) to the BBS above, you would put it in the KAN area. The command to do this is very similar to the DOWNLOAD command...except that you use the UPLOAD command instead.

"u kan kammod" would tell the BBS that you want to UPLOAD the file KAMMOD to the KAN file area. Once the BBS sees this command, it will prompt you to begin sending the file. Now is the time to put your terminal software in the SEND or UPLOADING state, and send the file.

Cast your eyes back at the help the BBS gave us to the "d" and "u" commands above, and you'll see how to go about downloading and uploading a binary (program) file. You'll notice that one of the file transfer "types" is YAPP. This is the ONLY ONE to use for binary transfers via packet. The other types are designed for LANDLINE use, and will FAIL spectacularly if you try and use them to send or receive a program from the BBS using PACKET.

Continued on page 12

Continued from page 11

For the technically curious, the reason for this is that all these transfer methods (the real word is "protocol") use a variety of means to check for the accurate reception of whatever data you are transferring...much like the way packet radio works. Since these protocols are designed to work over LANDLINES, they don't expect to wait very long to hear if the data has been properly received...and will assume a FAILURE if they encounter any of the delays we humans consider normal for packet radio. YAPP was designed to work with a much more "relaxed" set of timing values.

If you wanted to send a program called MYPROG.EXE to the BIN area on a BBS ("BIN" is shorthand for BINary...a good place to store programs)... you would enter "ub yapp bin myprog.exe" at the BBS prompt, and after receiving word from the BBS that it was ready for your file, start the transfer using YAPP.

If all goes according to plan (i.e. if the channel is not TOO BUSY, and you have a GOOD PATH to the BBS), you will see an indication that the program has begun it's trek from your hard drive to hard drive on the packet BBS.

Remember, because this is packet RADIO (baud rate limited to 1200, many users likely to be "on line" at one time) it will take QUITE A WHILE to transfer anything more than a very short program. PLEASE do not try and send large (100K or more) programs via packet! Doing so will:

1. earn you a high place in others "hate lists" because of the QRM (and subsequent DELAYS) your upload will create on frequency.

2. put you to sleep...as you wait...and wait...and wait...for the transfer to complete (or fail).

SOMEDAY...when we're all connected by high speed backbone links, and BBS forwarding does NOT happen on LAN frequencies...you'll be able to treat packet binary transfers the same way you do via landline...but those days still appear to be quite far in the future (darn it).

Speaking of the future... I'll introduce you to several packet programs in future columns. We'll check out YAPP, PaKet, and take a quick look at Lan-Link.

I'm still looking for ideas for future columns...if there is something you would like to know more about, drop me a line here at Florida Skip (write Gerry)...or drop me a note in the mail.

My offer of a copy of the YAPP terminal program (MS-DOS version only) still stands. I'll be happy to supply it on 3 or 5 inch disk, if you send me the following, along with $2.00 for my time and effort:

3 or 5 inch disk Mailer including return address label and postage.

My address is:
Joe Burnham
321 Holly Ave.
Port Saint Lucie, FL 34952
73...Joe
WD4KAV@WD4KAV#STUFL.USA.NOAM
Internet: jburnham@genie.geis.com

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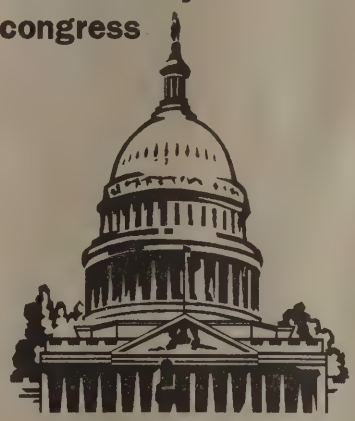

David Funderburk, K4TPJ, has been elected to the U.S. House of Representatives. Funderburk, a Republican, was picked for North Carolina's 2nd District, to fill the seat of a retiring Democrat. Funderburk, 50, holds a Ph.D. and taught history at several North Carolina colleges before being appointed by President Reagan as U.S. ambassador to Romania in 1986. His expertise is in East European and Russian studies. He was a Fullbright Scholar. K4TPJ described himself to Roll Call, a newspaper serving Capitol Hill, as an "avid ham radio operator." He holds a General class license. Funderburk and his wife Betty Jo live in Buies Creek, North Carolina.

DX Reports -

Continued from page 10

ARLD065 DX news

The items in this bulletin are courtesy of Kirsti, VK9NL, the HIDXA, Chod, VP2ML, The DX Bulletin, Bob, W5KNE, QRZ DX, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral column in QST. Thanks.

BHUTAN. Despite poor propagation conditions, a successful demonstration of Amateur Radio was carried out today for the Deputy Minister of Communications and staff. Jim Smith, VK9NS, reports that A51MOC is now the official call sign of the Ministry of Communications.

PACIFIC TRIP POSTPONED. Masa, JE1DXC, has run into transportation problems. His trip that included stops at 3D2, T2 and T30 has been postponed with no rescheduling date mentioned.

ANTIGUA. Ratko, YU1NR, continues to be active as V29NR. Recent spots show most of his activity being on 17 meters. Try 18115 kHz at 1510 and 1700 to 1730z. Also check 24951 kHz around 1600z. QSL via YU1NR.

CENTRAL KIRIBATI. Ron, ZL1AMO, reports his T31RW trip has been moved back until around April or May 1995.

HAITI. Missionaries HH1D and HH1T are Darlene, KB8CTC, and husband Tim, KB8CTD. They operate between 14260 and 14350 kHz around 2200z and 7288 kHz at 1000z running a TS-450S from a solar charged battery system.

IRAQ. YI9CW has applied for authorization to operate on 30 meters.

THAILAND. DL2VK will be signing HS0/DL2VK for about 6 months. Most activity will be CW, though packet, AMTor, PacTOR and SSB may be used.

HEARD ISLAND. Tony, WA4JQS, plans ahead. He is working on obtaining permission to visit the island in 1997. Until then he and WA8JOC, WD8SDL and W9OEH continue work on refurbishing 3Y0PI antennas.

TONGA. Paul, KK6H, should be on the air as A35RK from November 24 to February 7. Most operating will be CW on 160 through 30 meters. QSL his home CBA w/SASE.

-Edited from ARRL reports

Communications Security In the Amateur Community

This month, I would like to discuss the topic of communication security. This is a touchy topic especially as it deals with the amateur community. Scrambling of amateur communication was declared illegal by the Federal Communications Commission in essence because they saw no reason to have it. Amateur communication is a hobby and everything that is transmitted must be above board, but there are some gray areas that I will discuss today and provide some food for thought.

The early days of radio were dominated by home brew spark gap transmitters. These devices radiated on so many frequencies other than the one you intended, that it was virtually impossible to communicate without interfering with someone else. As the spectrum clogged with government and business communication, it became necessary to discontinue the use of the spark gap device and control frequency emission. The creation of the Federal Communications Commission as a result of the Federal Communications Act brought government regulation into what was originally a self regulated hobby. Amateurs were assigned bands of operation of which we are all familiar today and transmitter power and splatter was regulated so as to not interfere with other spectrum users.

The Federal Communications Act also set a guideline which has governed radio until very recently. The FCA determined that it was the responsibility of the transmitter to control the access of the broadcast. In other words, if you broadcast a signal and did not protect its contents, it was assumed to be public knowledge. This act had served us wisely for many years and forced communication providers to provide communication security if the broadcast was sensitive in any way. Military communications has always been secured and code breaking was and is a major part of military intelligence. Digital technology has provided modern communication security that is virtually unbreakable.

However, with the advent of the cellular communication system, people were using radio much the same way that they used their telephone with no concern that they were broadcasting their conversations for everyone to hear. This transmission was easily received by a scanning radio or amateur UHF rig tuned to the frequencies used by cellular (greatly increasing the sales of scanning radios I might add). The cellular community did not provide security for their subscribers and sensitive calls were routinely heard by the curious. When the cellular customers realized that their private conversations could be monitored, they complained loudly to their carrier and the carrier perceived that he could lose business. As a result, the scanner industry was directed to disable reception in the cellular bands. Unfortunately, if there is a need, an enterprising individual will usually step forward to fill it and modifications to UHF radios quickly sprouted from the hobby communities to defeat the band lockout. This result was predictable and it is evident that the drafting of the FCA foresaw that regulating reception was difficult and unenforceable. But the cellular subscribers and other business users of spectrum would rather not go to the expense of securing there transmission. So now, the regulators are turning to the receivers. A future act before congress will make it illegal to receive a broadcast that was not intended for your use. This totally unenforceable piece of legislation provides for the banning of many types of receivers which can be modified to receive a radio broadcast, now proposed to be an illegal act.

The basic context of this legislation seeks to regulate the legal community, the amateur operator, because of the potential misuse by the illegal community (if this act should be illegal at all). This is a scary trend in government and it is showing up at an alarming rate. The aquarium hobbyists are facing the same regulation banning several type of fish and reptiles because they contain venom which could be harmful or have illegal uses. The hunting and shooting communities have been victims of this assault for many years. The willingness to limit freedoms in the name of the public good is a major issue of today+s politics.

The role of communication security in this light actually takes on a positive flair. If the cellular industry had adequately protected their system from access by scanners in the first place, then this legislation would be unnecessary (the new digital telephones sold by Cellular One are difficult to receive without scrambling but they go one step further by offering digital encryption of your call).

Would there ever be a need to scramble amateur communication? When amateur communication was voice traffic, your call sign was used to identify your transmission. In packet communication, your call sign now controls access to your packet mailbox or your messages on the BBS. An unscrupulous individual could log into a packet BBS under your call and delete messages or post inflammatory, illegal messages to be read by the world. Under the current FCC guidelines, you are responsible for your call and you may be liable for the damage inflicted. If the problem becomes bad enough, the amateur community may not be able to self regulate and the FCC will be forced to intervene with further government regulation. Communication security would solve this problem before the freedom is banned because of the acts of abusers.

How would this system work? Well, a password system could be developed within the packet BBS network that would provide for passwords that are exchanged by mail. The password would be scrambled by the user and understood only by the BBS software. Without your password, access to your mailbox or use of your call would be disallowed. If this system works, then additional security features could protect your use of the system and protect our freedom to enjoy it.

I am interested in your feedback on this topic. Do you think the amateur community should petition the FCC to institute some security measures for packet or digital communication. If so, how would you implement them?

Steve

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CITRUS COUNTY HAMFEST

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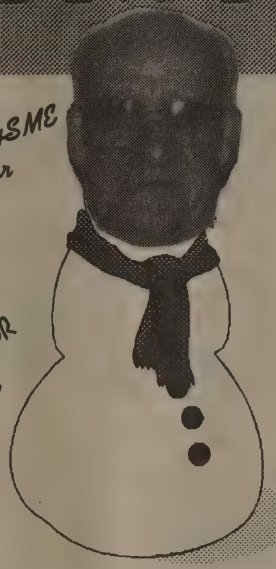

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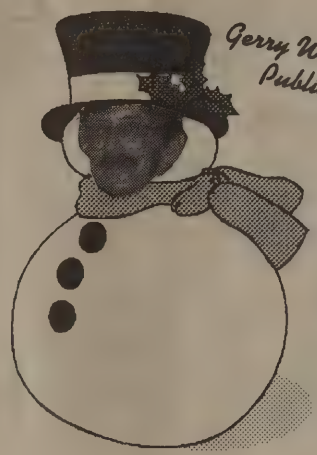

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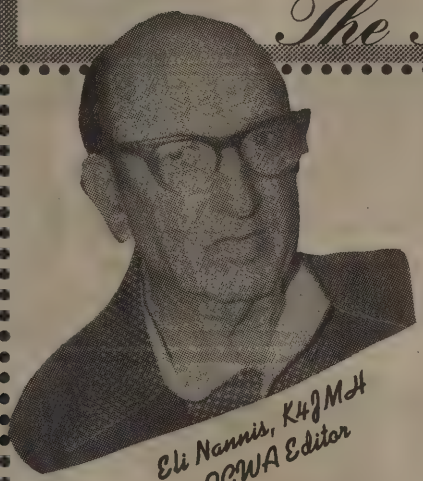

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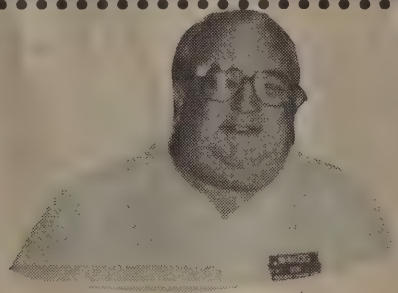

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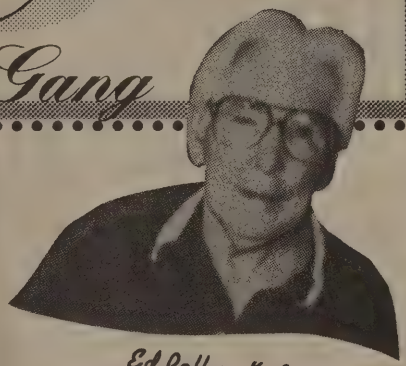

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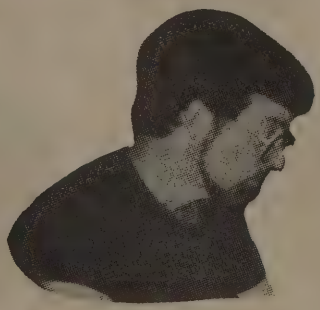

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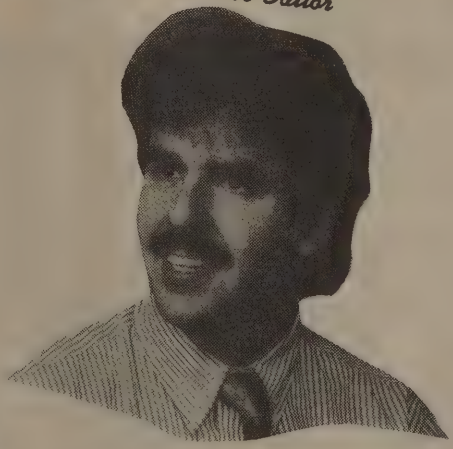

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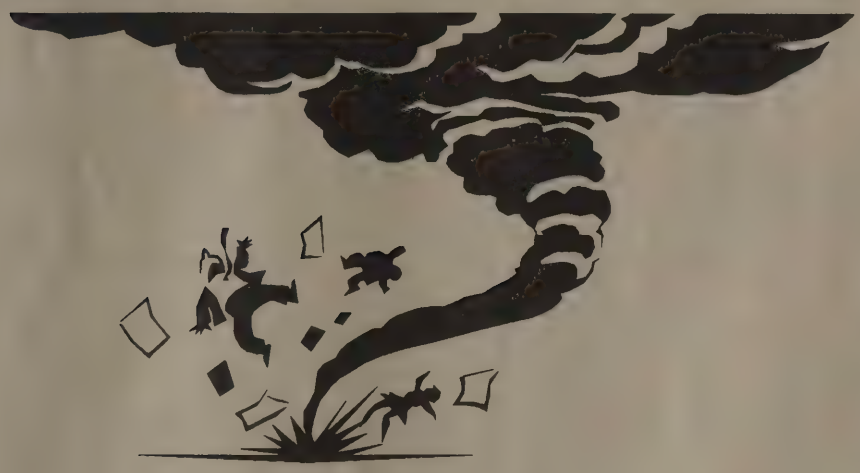

Melbourne - Tropical storm "Gordon" snuck up on Central Florida November 15th after playing tag with some Atlantic islands for a few days.

There had been rain and high winds for several days in the area and suddenly, without much warning, the tropical storm spawned twisters. The most serious of the seven confirmed tornados struck Barefoot Bay about 7PM, with at least one confirmed death, 35 injured (2 critically), people trapped in automobiles by fallen power lines and 500 homes damaged or destroyed.

The community of Barefoot Bay, between Sebastian and Mebourne, is primarily a retirement community with many modular homes and trailers. The community is estimated to have 9100 people and nearly 3500 homes. As of this writing, nearly all of the area is still without power and phones.

Local hams hastily activated emergency nets and emergency shelters were manned without delay. The SKYWARN system played an important role as spotters relayed weather conditions and tornado spottings to the NWS in Melbourne. I personally listened as hams "talked" one tornado in from its location in the Atlantic off Melbourne Beach to landfall in the area of Port Canaveral. The information provided by the spotters was critical in enhancing the ability of the NWS to predict within minutes when the tornado would hit and what areas would be affected.

The interaction of the amateur radio community with the NWS is facilitated by an amateur radio station, provided by the Platinum Coast Amateur Radio Society, located in the NWS facility. Better still, one of the meteorologists on the staff of the NWS is an amateur. The NWS is also linked into the PCARS repeaters and any weather bulletins or alerts broadcast by the NWS, trigger the repeater giving the Brevard County amateurs an "earlier" early warning system.

After passing over Florida in a westerly direction, Gordon decided to head back and give it a second dose. The amateur community spent the day marshalling forces and sending teams into heavily damaged areas attempting to account for all the residents. The EOC also enlisted some of the hams with "gloves and good shoes" to assist in probing through the debris for other victims of the tornados.

Sell your house - the Ham Way

Ham accused of ham radio haunting

Ed. Note. *Sol Mansbach, N4IXO is a parttime resident of New Jersey and thanks to information provided by Sol, we are able to bring you this story.*

In Toms River, NJ, a couple was charged with "haunting" a neighbors home using his 64 foot tower. It caused telephones, televisions, and electronic door chimes to "talk".

The culprit was Anthony Marino, KT2W who was determined to be operating legally and in full compliance by the FCC in 1990. The FCC advised the haunted neighbor, Robert Schnabel that it is up to them take the necessary measures to filter the interference.

Schnabel said, He has a license to operate, yes. But he doesn't have a license to come into my home. What is the difference if electronically he breaks and enters my home?"

The Schnabels then sued for trespassing, invasion of privacy, emotional distress and loss of property value. They said that according to real estate appraisers, the value of their $55,000 home was reduced by $27,000 because of the interference.

In a strange turn of events, Schnabel reached an agreement with Aetna, the insurers and financiers of Marino's home, to purchase the ham's home (with tower) and Aetna even agreed to provide $17,500 in assistance to Schnabel. Schnabel said that he was satisfied with the agreement, although there was compromise by both parties in the agreement.

Schnabel feels that other hams will think twice about erecting towers in populated areas. He plans to go to Washington, DC to meet the head of the FCC and Senators Bradley and Lautenberg to effect changes to amateur radio regulations. Schnabel said he wants to put the responsibility on the ham radio operator where it belongs.

Meanwhile, Marino plans to move to a less densely populated area. Marino said that he feared that it will hinder the construction of other towers and felt that he may have sabotaged his fellow hams.

So I guess the moral of the story is that if you wish to sell your house, just do some electronic haunting!

-gw

North Florida News

Amateur operators representing NOFARS using the club call W4IZ placed First in Florida in the 3 transmitter category with 10,532 points. The 3,792 contacts were good enough for a 5th place Nationwide 3A finish and top W4 ranking!

Improvements to the Jacksonville Amateur radio BBS are currently underway! NOFARS voted nearly $2,000 to help fund the upgrade. The primary goal is to provide more reliable linking to the South and West. Willy Wilhite, AC4WZ is now maintaining the BBS. Thanks to Dean Miller, N4TBI of Nassau for his many years of work as the SYSOP. Dean relinquishes his SYSOP responsibilities to accept the duties as the New ARRL Emergency Coordinator for Nassau County.

Voting for the Greater Jacksonville Amateur Radio Operator of the Year will take place on November 15th. Seventeen delegates will meet and cast three votes(1st,2nd, & 3rd). Points will be earned based on the number of votes received. Both long and short term contributions will be considered by the electors with emphasis on performance during the previous twelve months. A candidate's operating skills, technical achievement, emergency preparedness, club activities, goodwill promotion, Ham radio education, favorable publicity for Amateur Radio, Public Service and assistance to other amateurs are all considered. Report of the delegates will appear next month.

Maryan Morrell, WA4MST has been named ARES Emergency Coordinator for St. Johns county. Her assistant EC is KB4OLY. Baker County is the sole remaining county in the Florida Crown District needing an EC! Anyone interested in this interesting job should contact N4UF, Billy Williams.

NOFARS is sponsoring a SWEEPSTAKES CONTEST! Anyone operating in the ARRL Sweepstakes Contest in November who piles up more than 100 QSO's and submits a log to ARRL will win a free one year membership in NOFARS. Prizes will be awarded when the results appear in QST. The overall high NOFARS scorer will win a $25 prize.

Duval and Clay County amateurs provided communications during a Mass Casualty Incident(MCI) in October. A simulated train wreck with actual made up victims tested the ability of the area Hospital Disaster Council to coordinate the movement of victims from the crash scene to area hospitals. Duval county EC, David Phillips, KC4RQF reported a successful drill with good marks for the Hams who stood by at the crash site and at the hospital receiving areas. Beaches EC, Robert Selph, KC4HEL and Clay County EC, John Moore, W5HUQ provided Hams to cover hospitals in their areas. Among those participating were:KD4LCO, KE4IOR, KE4OBT, KD4FBI, WA4B, KD4BVT, KI4ZL,W4VDC, KA4OMI, KB4DOP, N4QVX, KD4NRG, KE4HCE, KE4NIM, KD4ZHA, KB9GRX, KC4EYD, KA4OBP, KD4EZV, N4KWC, KC4ZFV,KC4ZGH, WB4PHG and WA4RGO. The agencies involved in the MCI also participated in the Northern Florida AREA SET by sending messages to the State Emergency Operations Center using both voice and digital modes.

Emergency Drills can be fun

-by Larry McDermott, KE4ESV

"We're enjoying ourselves," I remember thinking with a smile, as my son and myself drove south on U.S. Route One in the Florida Keys. As my wife will assure you, that is a normal response for me when I am involved with my favorite hobby, amateur radio, but after a week of emergency preparedness participation with the Broward County combined Ares/Races organizations, I wasn't sure that "enjoyment" was the correct attitude to have. Michael and I were part of a CAT team "Communications Assistance Team" - that was now traveling through the Florida Keys to assist in providing emergency communications to an area of simulated devastation after a simulated hurricane (aptly named Zeus) had traversed the area, and "enjoy" might not be the best word to describe a week of professional and businesslike special sessions of the Broward County Emergency Preparedness net.

Our convoy had mustered in Broward County, deployed from Dade County -after conferring with Norm, K4RBR. After several visits to other response teams along the way, we were now preparing to divide our group, with most of the team, Jim, KD4GR, Steve, KS4EL, and Bob, KC4KME , setting up shop in Marathon Key. After assisting with the initial setup of equipment, Michael, Mark, AC4UV, Bill, KD4FRB, Carmelita, W3YWK, and I continued on to the lower keys to set up a station to complete our plan of support. We had approximately fifty miles further to travel to reach our destination, but a combination of beautiful scenery over the seven mile bridge and other islands, as well as pleasant convoy company, made the trip seem very short indeed. In my opinion, amateur radio operators, have always been among the friendliest of people, and our all too short stay in the Keys only served to reinforce this notion. We were treated to a tour of the very well equipped station of Mel, K3ML, and his wife, Carmelita, W3YWK. We were suitably impressed when their 2-meter station was able to pass traffic directly to the Emergency Operations Center, in Broward County - quite a distance, even as the crow flies!

Later on, the night passed all too quickly as we enjoyed the company, knowledge, and good humor of the local ham population; several of whom visited our station after it became operational. Using the best amateur practices, we set up our HF and VHF station using the combined resources of its CAT team and local participants; the dipole antenna that Mark constructed from scratch, the tent that Michael helped set up, the culinary skills and AMSAT knowledge that Bill provided, the entertainment that the local feline population provided (they were well compensated from our food bank), and the proper traffic etiquette that everybody practiced to perfection while operating from our portable location. We spent a remarkably comfortable night under the stars then had early morning discussions with stations and special session NCS on the emergency net. Long distance VHF communications were also completed between Jim, KD4GR and one of our in-home relay stations in Broward (Russ, KC4ZHN), via the Motorola repeater. We re-

Continued on page 19

We have just returned from the Mobile, AL HamFest and like many, many other Floridians it filled a gap in the Panhandle radio and social vacancies.

Lawrenceville, Montgomery, and Dothan, Alabama will finish out the year. Dothan is conveniently close to Christmas which should make the trip justified. I'm not sure all the wives will agree, but I am sure some will hear a good sales pitch.

Out of state HamFests in Alabama, Louisiana, and Mississippi help to fill a big gap for those living in the Panhandle and there is a time spread between shows to put together some cash to buy all of those goodies you will see. All are within a 3 or 4 hour drive and are well attended.

Both of the upcoming Panhandle HamFests in Pensacola and Ft. Walton will start off the new year and they will fill the gap for the beginning of 1995.

Thereafter, it is a long wait till the next "local" event. It is great that some of the local clubs such as The Twin Cities ARC and the Playground ARC have become involved in Tailgate get-togethers. Milton had one which drew quite a number of sellers and buyers.

When you look over the list of HamFests that Bill Britton / KB4VOL puts on packet you will notice a lot of small HamFests in the Peninsula Part of Florida. Tampa, Jacksonville, Melbourne, Orlando are big enough to tempt amateur radio addicts in the Panhandle..

The first of the Panhandle Hamfests is Pensacola which will be held on February 11, 1995 at the Bay Front Auditorium. Parking is free and plentiful.

Advanced admission tickets will be four dollars and tickets purchased at the door will cost five dollars.

For vendors and those who are going to give up those cherished items that have been sitting in their HAM Shack, tables will cost ten dollars for each table. You can write to the following address:

PARA
1050 West Carlton Road
Pensacola, Florida
32534-1130

Don't forget to enclose a SASE for the return of the tickets / ENTRY PASS. For those holding a PASS the doors will open for set-up at 0715.

If anyone needs HamFest information call Bill / WA4YRN at (904) 476-8537 and for Motel information call Don / KK4AE at (904) 968-0526. By the way, the last confirmations will be mailed out by February 1, 1995.

The Activities List includes radio related PRIZES for the lucky. Not only that, the XYL/YL PRIZES will be drawn every hour. Prize tickets will cost one dollar.

FOOD will be available on site at reasonable prices.

FORUMS will be held but at this time they have not been spelled out.

Another really helpful item in the overall program is the existence of the EQUIPMENT TEST TABLE. This is really helpful when you are thinking seriously of buying used equipment.

Next month I will have more information about the 25th Annual North Florida Ham/Swapfest in Fort Walton Beach which will be held March 18 & 19 1995. For more information call: Bud / K8YNU at (904) 243-5404 from (1000-1600 CT) or Scott / KE4BFT at (904) 243-3182 from (1645 - 2100 CT). Lots of meetings and activities are planned for this special HamFest.

Meanwhile, it is my wish that all of you have a very happy holiday season.

Continued from page 18

grettably dismantled our station and prepared for our journey home. We again traveled in a six-vehicle convoy, enjoying the local beauty and camaraderie that only amateur radio can provide.

Even though the primary purpose of an emergency test operation is to prepare and train, this noble goal was far overshadowed by the sense enjoyment and accomplishment that both my son Michael and myself felt as we motored home. In fact, That's probably the reason why I asked our emergency coordinator, Jim, KD4GR, to schedule our next event a lot sooner than next year. Perhaps the best part was that nobody disagreed with me.

Why not consider joining one of your local radio groups during the next event, and let us know what you think? Until then, from Hollywood, Florida, this is Larry, KE4ESV, signing 73 and CUL.

Special "Summit of the Americas" Station

The first Summit of the Americas in 27 years will be held in Miami, Florida on December 8 and 9, 1994. Presidents from more than thirty countries in Latin America, the Caribbean, and North America will be attending along with their appropriate Foreign Secretaries and Ministers. More than 6,000 people are expected to attend.

The Dade Radio Club of Miami will be operating its amateur radio club station, W4NVU, from the Summit in order to celebrate the event for this community and the entire hemisphere. Commemorative certificates will be issued. The station will operate from 0000 EST December 8 to 2400 EST December 10, 1994 on the following frequencies: 14.250, 21.325, 28.325 (phone), and 21.125 (cw). For a certificate, send a QSL card and a 9 X 12 SASE or IRC with envelope to Dade Radio Club of Miami, P.O. Box 350641, Miami, FL 33135.

For more information contact *Paul C. Hunt, K1MJS, (305) 665-5812 (English or Spanish), or Rick Vahan, N4PBF, (305) 595-2120 (English Only).*

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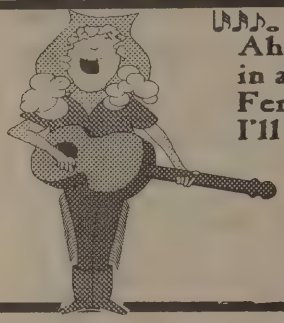

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ARMY MARS REPORT

Lorraine S. Matthew (AAA9PR), PIO MARS WW

This holiday season of 1994 finds Army MARS supporting troops all over the world — troops deployed to such places as Germany, the Persian Gulf, Korea, and, of late, Haiti. Army MARS also offers the same support to military personnel and their families who are stationed in the United States. With all the publicity generated by overseas operations, some people have thought that the MARS programs did not include non-deployed troops. The only program offered uniquely to deployed Army, Navy, Marine Corps, and Air Force personnel are phone patches which must originate with the deployed person from overseas.

It is to encourage further support of these military personnel and their families that Army MARS again is sponsoring Operation: Holidays. Operation: Holidays is the program in which all Hams are encouraged to invite the public to share holiday greetings via radiograms. The public is invited to learn about the two fine radio message systems that are available free of charge. The National Traffic System (NTS) is available for civilian-to-civilian traffic while the MARS systems are to be used when either the receiving party or the sending party is an active duty military member. In both cases, the complete name and address of the recipient is required. The recipient's telephone number is required with NTS traffic and is highly advised for military recipients who are in the United States. The message itself should be 35 words or less. People are always surprised at how much they can say in 35 words. The radio operator who first receives the message from the sender will also need the name and address or telephone number of the sender. The MARS format includes the name of the sender. In either case, the operator may have to be able to reach the sender of the message at a later date. We ask that all radio operators make themselves known to their circle of friends and acquaintances as being this year's ambassadors of good will for the holidays. Let's have a real flow of holiday good wishes via radio this year.

>From Air Force MARS, the following item of interest to us all has been sent for this column. I thank Eston Gallant/AFF2P/AFA2PT for his efforts in having AFMARS represented in the public relations columns.

Air Force MARS Chief, Ray Collins has addressed the issues that have been on the minds of all MARS members of all the services. The Air Force, like all of the services, is engaged in a sweeping review of roles and missions. This review includes the MARS programs. According to Chief Collins, "rightsizing" is the favored term for this ongoing process.

As part of this "rightsizing" process going on within the Air Force, several military MARS stations have had their operating hours reduced or have been closed altogether. Chief Collins asked his volunteer MARS members not to read anything into this reduction. To quote his AFMARS Broadcast, "Contrary to reports being circulated, MARS is still alive and well. ... It was no longer cost effective to maintain these stations at full 24 hour capacity. A potential realignment of 30-35 military personnel will be the result of this reduction with NO APPRECIABLE DECREASE IN SERVICE TO OUR CUSTOMERS."

The military services are using criteria similar to those found in business when companies face practical economics. Some companies may merge, others may remain independent and downsize or "rightsize" to use Chief Collins' word. Thus the criteria being used for the MAR (Mission Area Review) considerations are well established. Whatever action is taken, there is no indication of any reduction in the missions being served by the MARS volunteer members. Indeed, some of these missions have shown a marked increase. No decision on the realignment of the MARS organizations has been announced and won't be until the series of MAR meetings and conferences are concluded. The intense self-examination by all the service MARS organizations has yielded a great many beneficial results. These results are certain to be felt no matter what the final decision about the continuing structure of the three MARS services is. MARS is alive and well and is destined to stay that way.

We, in Army MARS, continue to work with professional teamwork in order to achieve the many goals that were introduced at the beginning of the year. We, in Army MARS, continue to serve the Army, the public, and such agencies as DOMS, FEMA, and SHARES. This has been a year of accomplishment of which every Army MARS member can be justly proud. 1994 is not over yet and there is still more development to come. At this writing, Chief Army MARS is at a conference with FEMA, FORSCOM, and other related entities with whom Army MARS will be working in the future. Watch for additional information in future columns.

Meanwhile, Army MARS remains proud...professional...ready.

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Is the Field Strength Meter obsolete?

Heck No - says Art Rose, W1PXL

The use of a Receiving Device that gives a relative indication of Field Strength is called a Field Strength Meter. This meter is necessary if the antenna system is to be adjusted to produce Maximum Radiation. Fundamentally, a FSM is a pick-up antenna, input circuit, crystal rectifier and some kind of indicating device such as a micrometer. A basic FSM will only give relative measurements but is very useful in the VHF range and for determining the beam pattern when using directional antennas. The FSM is also used to measure relative field intensity produced by an excited transmitter. It will also measure and compare the efficiency of antennas or measure their directivity. They are used for checking on the signal coverage of an antenna. FSM's are used to measure field intensities and spurious harmonic radiation when selecting transmitter antenna sites.

Figures 1 and 2 below are two simple and easily constructed Field Strength Meters. Bear in mind that the meter reading indicates the relative strength of the field acting on the pickup antenna and may not be directly proportional to the field intensity due to the non-linearity of the diode.

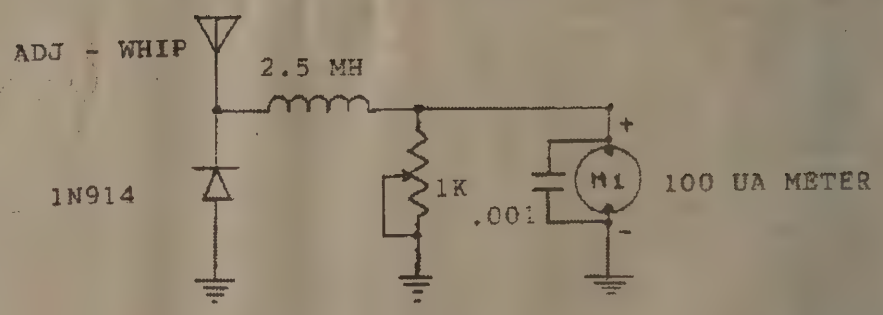

Figure 1

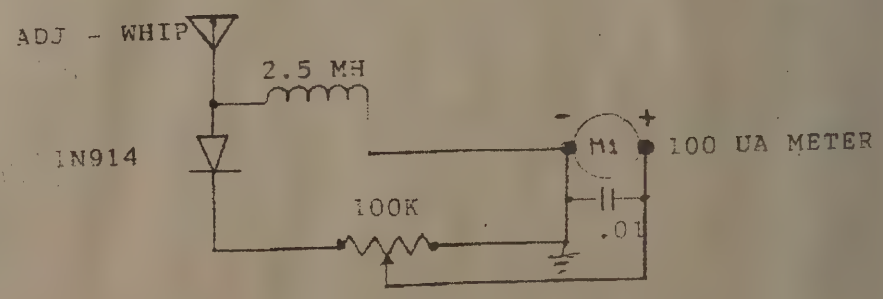

Figure 2.

HAMBARS

RATE CARD INFORMATION

HAMBAR service, of electronic equipment only, is available to all subscribers, amateurs and non-amateurs at the rate of 10 cents per word, which includes address, call sign, etc. Minimum charge for any HAMBAR is $3.00. All commercial and non-subscribers rate is 15 cents per word. Minimum charge of $5.00 for each HAMBAR. No reruns. Each HAMBAR must be resubmitted each month. No ad will be published unless accompanied by full remittance! We require all HAMBAR ads contain the full mailing address, call sign, zip and area-phone number, if any. Make it easy for person wanting to buy your equipment. No HAMBARS via telephone!

COMMERCIAL DISPLAY

Please write or call for rate card and quotes.

Deadline for all HAMBARS and ads, eighth (8th) of each month to 1280 Sarno Rd., Suite 224, Melbourne, FL 32935.

FOR SALE - ICOM Model 737 transceiver and ICOM 15 power supply - mint - $1250. ICOM 228H 2-meter transceiver, 5w to 50w VHF - $275. Kantronics 3 plus TNC all mode for VHF, HF. All manuals and original boxes - $275. Charles Lent, KC4VK, Lakeland, FL 33809. Ph: (813) 858-0257.

COMMODORE 64 IS DYING - need keyboard and matrix board...actually the whole thing, no phone. Please write with price and condition. Bell Selover, 2507 US#1 South, St. Augustine, FL 32086.

FOR SALE - Hallicrafters SX-99 receiver, general coverage/ham bands. $60.00. Matching Spkr - $10. Cillins phone patch -$25.00. Freq meter BC-221/TS 164/AR 125 to 20,000 kHz -$28.00 with original freq book. Harvey Wells TBS-50D unmodified, a real collectors itm - $100.00. All plus UPS. Andy Clark, W4IYT, 41 Lenape Dr. Miami Springs, FL 33166. (305) 888-3874.

MFJ Tuner 989-C, 3kW roller inductor - $250.00. Bernie Jackson, 1159 Circle Dr., Lake Wales, FL (813) 676-8444.

"The country has come to feel the same way when Congress is in session as when the baby gets hold of the hammer." - Will Rogers.

WANTED TO BUY - 2 meter 25 or higher wattage transceiver. Also buying your surplus vacuum tube inventories, large or small quantities. Please send list and price quotes on the 2 meter transceivers. Call or Write anytime. Milt Levy W5QJT. 2042 Australia Way West #8, Clearwater, FL 34623 (813) 791-4703.

FOR SALE - Cushcraft R7 less than one year old. Restriction problems - $250.00. Jim Davis, KE9BP/4 (305) 733-4919.

"Life begins at 40 — but so does arthritis." - Sam Levenson.

Tech license renewals

Ed. Note: *This is the complete article that got chopped in half last month. Needless to say, a few people reminded me.*

If you hold a Technician class license issued before March 16, 1991, then you automatically are a Technician licensee with HF privileges (a "Tech Plus").

In some recent instances the FCC has processed the renewal or modification of such a Tech Plus license but has mistakenly issued a "Technician" (no-code) license. (Since June 8, 1994, new and renewed Tech Plus licenses have been clearly labeled as such).

If this has happened to you, do the following:

Write to the FCC, explaining the situation, including your current license status, with effective date. Include copies of both your "before" and "after" licenses.

If you no longer have either a copy or the original of your previous license, say so in your letter.

Send this to FCC, 1270 Fairfield Road, Gettysburg PA 17325-7245 (or Fax 717-337-1541). Keep copies of all your correspondence with the FCC.

Expect the matter to take four to six weeks to be resolved. In the meantime, you may continue to exercise "Tech Plus" privileges.

-ARRL

FLORIDA HAMFEST UPDATE NOVEMBER, 1994

Compiled by Bill Britton, KB4VOL

DATE	LOCATION	NOTES
Dec 3	Okeechobee	Agriculture Center Bldg on U.S. 441, 1.5 mi north of S.R. 70 Talk-in on 147.195 INFO: Al, AD4RZ (813) 467-0516
Dec 3	Ocala	Booster Stadium Parking Lot N 36th Ave, 1 mi N of SR 40 Talk-in on 146.970 INFO: Bill, KA9CQU (904) 964-6660
-1995-		
Jan 7/8	Fort Myers	City of Palms Hamfest Fort Myers Shriner Mosque 2010 Hanson St, 1 bl east of US 41 Talk-in on 147.345 INFO: Dale, KD4UAD (813) 275-8360
Jan 14/15	Sarasota	Robarts Sports Arena 3000 Fruitville Rd Talk-in on 146.910 & 444.925 Info: Sam, KE4BXF (813) 922-4591
Jan 21	Crystal River	Crystal River Armory Talk-in on 146.955 INFO: Bill, KO4ZA (904) 382-5755
Jan 22	Pinellas Park	Benefit at Boys & Girls Club 7790 61st St North Talk-in on 147.060 INFO: Mike, KC4TEX (813) 823-4251
Feb 4/5	Miami	Dade County Expo Center SW 112th Ave & Coral Way Talk-in on 146.760 INFO: Evelyn, W4WYR (305) 642-4139
Feb 11	Arcadia	Desoto Armory Talk-in on 147.075 INFO: Doug, KN4YT (813) 494-5070
Feb 11	Pensacola	Bayfront Municiple Auditorium Talk-in on 146.760 & 444.925 INFO: ??
Feb 18/19	Orlando	Central Florida Fairgrounds 4300 W. Colonial Way Talk-in on 146.760 INFO: Lou, AC4GB (407) 898-0429
Feb 25	Stuart	FREE! At Langford Park Rt 707 in Jensen Beach Talk-in on 147.060 INFO: Bob, KA3EDL (407) 546-4353
Feb 25	Brooksville	Hernando County Fairgrounds Talk-in on 146.715 INFO: Clem, N4PIE (904) 799-3202
Mar 4	Zephyrhills	At 3339 Allen Road in Zephryhills Talk-in on 145.190
Mar 4	Sebring	National Guard Armory on U.S. 27, 6 mi N of Sebring Talk-in on 147.270 INFO: Clyde, WI3X (813) 453-7181
Mar 31/Apr 1	Gainesville	Alachua County Fairgrounds SR 24 & SR 222 - At the airport Talk-in on 146.820 Info: Bill, K4RDP (904) 454-3105
Jul 29/30	Jacksonville	Prime Osborne Convention Ctr South Lee & West Bay St Talk-in: 146.760 Info: ??
Sep 9/10	Melbourne	Melbourne Auditorium 625 Hibiscus Blvd Talk-in: 146.850 Info: ??

****

HELP AVOID CONFLICTS - GET YOUR DATES IN EARLY!
PLEASE SENT CORRECTIONS, ADDITIONS AND WHO TO CALL FOR INFO!
Packet Address: KB4VOL @ KB4VOL Army MARS Call: AAT4RV
Mail: Bill Britton, KB4VOL 8703 S.E. Jardin St. Hobe Sound, FL 33455

****

Freefest Successfest

On October 29, 1994, the Port St. Lucie Amateur Radio Association held its very first hamfest - actually a freefest, with the only revenue coming from prize ticket sales. Bruce Buckey, KD4HQJ, the club secretary says, "It was a good hamfest as we sold over 2000 tickets. We had between 400 and 500 in attendance and 75 tailgaters.

Since the first hamfest (er freefest) turned out to be successful, PSLARA is planning for a second fest the last Saturday in October 1995.

Bruce said that the function would not have been a success without all who assisted with prizes, contributions, and advertising.

Sebring forced to change date

The Sebring hamfest originally scheduled for March 11, 1995, had to be moved back to **March 4, 1995** due to a conflict with National Guard drill. The hamfest is held at the National Guard Armory in Sebring.

SARA helps Boy Scouts

During the weekend of October 15 and 16, Allison, KE4OLL, Rob, KE4GJC, Sam, KE4BXF, and Eric, KD4MZM helped Boy Scout Troop 2495 get on the air for JOTA (Jamboree On the Air). This once a year event allows boy scouts and ham radio-operators to mix fun and radio together. This time the club provided a full HF through VHF-UHF setup including packet and satellite.

This was a special event for us due to the fact that all of the scouts in Troop 2495 are either mentally or physically handicapped. We had over 40 scouts participating in this event. They were able to work most of the states, as well as a station in Russia. Total time that the club station was setup and running was 27 hours of on the air time with most of that time being dedicated to scouts at the mic. As with all club events, the W4IE club call was used.

Eric, KD4MZM thanks all who helped with the event.

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FCC Amends Amateur Rules

The FCC today released a 7-page Order amending its amateur rules, effective December 20, 1994, to reflect what the Commission calls ''nonsubstantive procedural changes'':

1. To permit electronically filed data from VECs (paper applications also will still be accepted);
2. To authorize operation as soon as the new license data appears in the amateur service licensee data base, rather than (as now) when the license document has been delivered (details of how the new licensee can determine his call sign will be announced later);
3. To add a new rules section, ''Examinee Conduct,'' to emphasize that an examinee must comply with the instructions given by the administering VEs;
4. To treat ''Technician Plus'' as a license class;
5. And to provide for a ''renewal short form'' which the FCC says will be mailed to licensees in advance of their expiration date beginning sometime in 1995. The FCC added that renewal applications would be accepted no more than 90 days before the expiration date.

Because of the nature of these rule amendments, there is no notice or comment period required by federal law. Again, these changes do not take effect until December 20, 1994.

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*CALL OR FAX FOR SWAP SPACE AVAILABILITY BEFORE SENDING IN TABLE RESERVATION.
(Prices quoted for tickets, tables & camping include Fla. & Dade Co. tax)

Headquarters Hotel: Miami Airport Marriott - $70.00 Single, Double + Tax. Tel. (305) 649-5000 - Speak Only to Reservation Department and MUST mention "Tropical Hamboree" to get special rate. Deadline Jan. 20, 1995.
Alternate Hotel: Holiday Inn LeJeune Center - $70.00 Single, Double + Tax
(Complimentary Drink Coupon upon check-in) — TOLL FREE TEL: 1-800-428-9582.
Speak to Reservation Dept. and mention "Tropical Hamboree." Deadline Jan. 20th

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Mail to: Evelyn Gauzens, W4WYR, 2780 N.W. 3 St., Miami, FL 33125-5059
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